

Per Cigarette

Market Sample Brand Data & Statistics

Marlboro 25's
king size
filter soft pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	17- 19	8.92	20.74	3.28	1.05	16.41	16.11
2)	20- 11	8.72	20.50	3.09	1.07	16.34	15.29
3)	50- 8	9.38	21.68	3.14	1.12	17.42	15.53
4)	53- 1	8.78	19.52	2.77	1.00	15.75	15.38
5)	73- 11	9.28	20.68	3.18	1.06	16.44	16.03
6)	78- 10	8.84	21.18	3.50	1.07	16.61	15.54
7)	110- 12	9.00	22.48	3.79	1.14	17.55	16.67
8)	127- 15	9.18	20.62	3.26	1.06	16.30	14.27
9)	156- 19	9.84	25.70	5.56	1.15	18.99	17.18
10)	175- 2	8.88	21.02	3.27	1.01	16.74	16.42
11)	188- 12	9.22	20.70	3.31	1.06	16.33	14.60
12)	189- 3	8.90	21.16	3.60	1.05	16.51	14.72
13)	219- 5	8.98	20.20	2.90	1.05	16.25	14.20
14)	244- 15	9.02	21.14	3.21	1.10	16.83	14.85
15)	267- 10	8.90	22.10	3.66	1.07	17.37	16.31
16)	280- 11	9.54	24.08	4.56	1.17	18.35	16.70
17)	294- 4	9.40	22.20	2.95	.95	18.30	15.31
18)	305- 12	9.64	22.04	3.55	1.15	17.34	16.32
19)	330- 20	8.94	21.24	3.50	1.09	16.65	15.16
20)	341- 17	9.14	20.44	3.28	1.04	16.12	14.93

Statistics Array:

21.09 Puff-Count=Puffs/Cig
TPM, Water, Nicotine, TAR & CO=Mg per Cig

Mean	9.12500	21.47100	3.46800	1.07300	16.93000	15.57600
CONFI. INTER.	.13669	.62793	.27894	.02441	.37910	.38286
Stand. Dev.	.30566	1.40409	.62374	.05459	.84768	.85610
%C.V.	3.34967	6.53948	17.98552	5.08755	5.00699	5.49625

Rounded Statistics:

	Puff-Count	TPM	Water	Nicotine	Tar	CO
X	9.1 ±0.1	21.5 ±0.6	3.5 ±0.3	1.07 ±0.02	16.9 ±0.4	15.6 ±0.4
S	0.3	1.4	0.6	0.05	0.8	0.9
CV	3.3	6.5	18.0	5.1	5.0	5.5

PM3000762888

Per Cigarette
Market Sample Brand Data & Statistics

Alpine
king size
filter menthol soft pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	3- 7	9.24	21.70	3.52	1.07	17.11	15.80
2)	32- 13	9.02	21.04	3.33	1.06	16.65	14.95
3)	50- 20	9.18	22.44	3.68	1.08	17.68	16.83
4)	65- 17	9.12	23.28 ¹	4.48	1.08	17.72	17.10
5)	78- 15	8.92	19.14	2.61	1.04	15.49	13.77
6)	83- 14	8.86	23.42	4.01	1.16	18.25	15.72
7)	115- 5	8.76	21.34	3.42	1.08	16.84	15.16
8)	126- 10	9.30	22.86	4.62	1.10	17.14	15.52
9)	158- 13	8.76	18.78 ¹	2.37	.96	15.45	14.60
10)	159- 13	8.78	21.08	3.23	1.04	16.81	15.95
11)	181- 3	8.88	22.14	3.54	1.10	17.50	15.35
12)	208- 11	9.04	20.98	3.17	1.08	16.73	15.65
13)	237- 4	8.78	20.96	3.26	1.06	16.64	15.15
14)	242- 2	9.54	18.94 ¹	2.25	1.00	15.69	15.15
15)	255- 5	9.06	22.40	3.60	1.12	17.68	17.19
16)	276- 17	9.08	21.00	3.32	1.05	16.63	15.47
17)	306- 6	8.98	23.02 ¹	3.88	1.16	17.98	16.29
18)	309- 12	9.74	22.84 ¹	4.03	1.10	17.71	16.46
19)	329- 18	8.98	20.28	2.97	1.08	16.23	14.80
20)	360- 7	9.46	22.68	3.54	1.17	17.97	16.44

statistics Array:

	Puff-Count=Puffs/Cig					
	TPM, Water, Nicotine, TAR & CO=Mg per Cig					
mean	9.07400	21.51601	3.44150	1.07950	16.99500	15.66750
ONFI. INTER.	.12143	.63723	.27333	.02283	.37286	.38928
stand. Dev.	.27153	1.42490	.61118	.05104	.83375	.87046
C.V.	2.99243	6.62251	17.75909	4.72804	4.90583	5.55584

ounded Statistics:

Puff-Count	TPM	Water	Nicotine	Tar	CO
9.1 ±0.1	21.5 ±0.6	3.4 ±0.3	1.08 ±0.02	17.0 ±0.4	15.7 ±0.4
0.3	1.4	0.6	0.05	0.8	0.9
3.0	6.6	17.8	4.7	4.9	5.6

Per Cigarette
Market Sample Brand Data & Statistics

Benson & Hedges 100's

100 mm

filter hard pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	8- 8	10.58	19.42	1.97	1.11	16.34	16.65
2)	25- 13	10.72	20.14	1.99	1.13	17.02	15.24
3)	45- 12	10.46	20.52	2.28	1.19	17.05	14.94
4)	48- 14	10.16	19.72	2.04	1.14	16.54	15.45
5)	104- 14	10.26	19.68	2.08	1.13	16.47	16.73
6)	105- 17	10.34	21.44	2.63	1.21	17.60	17.17
7)	118- 20	9.94	20.40	2.40	1.16	16.84	16.64
8)	125- 13	9.88	18.68	1.89	1.06	15.73	15.20
9)	154- 19	10.26	20.54	2.42	1.15	16.97	15.52
10)	161- 8	10.16	19.60	2.15	1.10	16.35	15.40
11)	208- 20	10.26	20.78	2.37	1.21	17.20	16.12
12)	209- 18	10.32	21.38	2.49	1.21	17.68	17.63
13)	224- 1	10.78	20.36	2.26	1.19	16.91	15.43
14)	225- 8	10.50	20.16	2.30	1.13	16.73	14.91
15)	275- 18	10.46	19.84	2.13	1.12	16.59	16.37
16)	280- 7	10.60	21.22	2.55	1.22	17.45	16.33
17)	293- 2	10.06	20.18	2.25	1.14	16.79	16.71
18)	314- 5	10.52	20.36	2.23	1.19	16.94	16.26
19)	357- 7	10.16	19.08	2.03	1.15	15.90	15.58
20)	360- 9	10.30	21.16	2.25	1.23	17.68	17.15

Statistics Array:

Puff-Count=Puffs/Cig
TPM, Water, Nicotine, TAR & CO=Mg per Cig

Mean	10.33600	20.23300	2.23550	1.15850	16.83900	16.07150
CONFI. INTER.	.10849	.33537	.09055	.02053	.24080	.36080
Stand. Dev.	.24258	.74991	.20247	.04591	.53845	.80676
%C.V.	2.34697	3.70639	9.05707	3.96329	3.19762	5.01983

Rounded Statistics:

	Puff-Count	TPM	Water	Nicotine	Tar	CO
X	10.3 ±0.1	20.2 ±0.3	2.2 ±0.1	1.16 ±0.02	16.8 ±0.2	16.1 ±0.4
S	0.2	0.7	0.2	0.05	0.5	0.8
CV	2.3	3.7	9.1	4.0	3.2	5.0

PM3000762890

Per Cigarette
Market Sample Brand Data & Statistics

enson & Hedges 100's

00 mm

filter soft pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	17- 1	10.40	22.28	2.69	1.28	18.31	18.18
2)	28- 18	10.54	20.60	2.21	1.21	17.18	16.22
3)	47- 17	10.70	21.50	2.35	1.26	17.89	16.90
4)	54- 17	10.38	20.10	2.13	1.15	16.82	17.68
5)	75- 18	10.00	19.46	1.84	1.17	16.45	17.71
6)	98- 11	10.26	19.66	2.06	1.17	16.43	17.06
7)	112- 6	10.00	19.72	2.18	1.13	16.41	16.83
8)	137- 1	10.28	21.06	2.45	1.19	17.42	16.55
9)	147- 7	10.40	20.26	2.26	1.19	16.81	17.02
10)	154- 17	10.80	22.04	2.85	1.22	17.97	16.65
11)	195- 12	10.52	21.94	2.96	1.23	17.75	18.92
12)	204- 15	10.58	20.66	2.25	1.22	17.19	17.68
13)	228- 20	10.84	20.56	2.27	1.19	17.10	17.83
14)	249- 17	10.54	20.10	2.03	1.21	16.86	16.61
15)	264- 16	10.20	20.50	2.21	1.22	17.07	17.04
16)	281- 7	10.44	20.02	2.10	1.20	16.72	16.63
17)	297- 6	9.66	18.22	1.98	1.10	15.14	15.20
18)	318- 13	10.28	20.44	2.18	1.17	17.09	18.25
19)	346- 6	10.16	20.34	2.28	1.17	16.89	16.78
20)	353- 15	10.32	19.68	2.05	1.14	16.49	17.42

Statistics Array:

Puff-Count=Puffs/Cig
TPM, Water, Nicotine, TAR & CO=Mg per Cig

Mean	10.36500	20.45701	2.26650	1.19100	16.99950	17.15800
CONF. INTER.	.12679	.43326	.12645	.01935	.31040	.36980
Stand. Dev.	.28350	.96880	.28275	.04327	.69408	.82690
%C.V.	2.73519	4.73580	12.47539	3.63341	4.08297	4.81933

Rounded Statistics:

	Puff-Count	TPM	Water	Nicotine	Tar	CO
X	10.4 ±0.1	20.5 ±0.4	2.3 ±0.1	1.19 ±0.02	17.0 ±0.3	17.2 ±0.4
S	0.3	1.0	0.3	0.04	0.7	0.8
CV	2.7	4.7	12.5	3.6	4.1	4.8

Per Cigarette

Market Sample Brand Data & Statistics

Cambridge Full Flavor

king size

filter soft pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	16- 20	8.48	21.10	3.85	1.03	16.22	16.27
2)	23- 4	8.26	20.08	3.70	.94	15.44	15.04
3)	50- 6	8.50	21.54	3.67	1.07	16.80	15.21
4)	51- 14	8.30	22.06	4.12	1.04	16.90	14.58
5)	75- 2	8.68	21.64	3.75	1.05	16.84	15.68
6)	108- 15	8.26	20.26	3.14	1.05	16.07	15.32
7)	119- 7	8.36	22.26	4.25	1.05	16.96	15.85
8)	128- 17	8.58	23.70	4.60	1.13	17.97	15.66
9)	151- 12	8.98	24.52 ¹	5.12	1.11	18.29	17.00
10)	170- 13	8.24	22.30	4.50	1.02	16.78	16.59
11)	191- 12	8.56	23.00	4.03	1.09	17.88	17.22
12)	196- 2	8.34	20.76	3.63	1.05	16.08	15.31
13)	218- 19	8.54	23.24	4.79	1.10	17.35	16.40
14)	245- 2	8.66	24.36 ¹	4.83	1.17	18.36	16.75
15)	263- 4	8.44	21.70	3.92	1.10	16.68	16.61
16)	268- 10	8.64	23.98	4.98	1.15	17.85	17.03
17)	290- 18	8.38	21.32	3.64	1.06	16.62	16.18
18)	315- 1	8.86	23.16	4.97	1.09	17.10	16.28
19)	345- 6	8.68	22.36	4.13	1.10	17.13	15.41
20)	358- 10	8.46	22.30	4.22	1.11	16.97	16.93

Statistics Array:

	Puff-Count=Puffs/Cig					
	TPM, Water, Nicotine, TAR & CO=Mg per Cig					
Mean	8.51000	22.28199	4.19200	1.07550	17.01450	16.06600
CONFI. INTER.	.08989	.57454	.24668	.02287	.34372	.34094
Stand. Dev.	.20100	1.28471	.55160	.05114	.76857	.76236
%C.V.	2.36190	5.76569	13.15832	4.75520	4.51715	4.74518

Rounded Statistics:

	Puff-Count	TPM	Water	Nicotine	Tar	CO
X	8.5 ±0.1	22.3 ±0.6	4.2 ±0.2	1.08 ±0.02	17.0 ±0.3	16.1 ±0.3
S	0.2	1.3	0.6	0.05	0.8	0.8
CV	2.4	5.8	13.2	4.8	4.5	4.7

PM3000762892

Per Cigarette
Market Sample Brand Data & Statistics

Cambridge Full Flavor 100's

100 mm

filter soft pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	16- 13	9.10	20.90	2.61	1.17	17.12	16.28
2)	21- 8	9.12	19.90	2.50	1.08	16.32	15.23
3)	58- 1	9.26	19.40	2.21	1.11	16.08	14.60
4)	65- 2	9.60	20.68	2.56	1.13	16.99	16.23
5)	92- 7	9.08	21.10	2.95	1.16	16.99	16.08
6)	97- 7	9.60	22.16	3.17	1.15	17.84	16.13
7)	115- 14	9.02	20.34	2.47	1.12	16.75	14.58
8)	132- 19	9.26	23.08	3.60	1.16	18.32	16.87
9)	154- 4	9.52	22.26	3.02	1.21	18.03	15.82
10)	171- 11	9.42	22.36	2.80	1.21	18.35	17.94
11)	190- 10	9.16	20.40	2.72	1.12	16.56	16.39
12)	205- 12	8.92	20.10	2.49	1.13	16.48	15.55
13)	221- 4	9.50	21.28	2.75	1.16	17.37	15.58
14)	248- 11	9.10	19.82	2.38	1.10	16.34	14.64
15)	265- 13	8.92	22.26	3.02	1.20	18.04	16.32
16)	278- 13	9.32	21.12	2.73	1.19	17.20	15.81
17)	307- 14	9.02	20.28	2.45	1.15	16.68	15.80
18)	312- 20	9.12	21.30	2.69	1.15	17.46	15.85
19)	352- 1	9.46	21.98	2.95	1.22	17.81	16.06
20)	355- 8	8.92	19.76	2.31	1.12	16.33	16.42

Statistics Array:

	Puff-Count=Puffs/Cig	TPM, Water, Nicotine, TAR & CO=Mg per Cig
Mean	9.22100	21.02401 2.71900 1.15200 17.15300 15.90900
CONFI. INTER.	.10208	.46764 .14829 .01757 .32161 .35352
Stand. Dev.	.22826	1.04566 .33160 .03928 .71914 .79050
%C.V.	2.47547	4.97367 12.19557 3.40999 4.19253 4.96886

Rounded Statistics:

	Puff-Count	TPM	Water	Nicotine	Tar	CO
X	9.2 ±0.1	21.0 ±0.5	2.7 ±0.1	1.15 ±0.02	17.2 ±0.3	15.9 ±0.4
S	0.2	1.0	0.3	0.04	0.7	0.8
CV	2.5	5.0	12.2	3.4	4.2	5.0

PM3000762893

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Per Cigarette
Market Sample Brand Data & Statistics

Marlboro
king size
filter soft pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	26- 8	8.92	20.62	3.26	1.08	16.28	15.05
2)	35- 5	9.12	22.38	3.87	1.16	17.33	15.50
3)	63- 8	8.74	21.42	3.09	1.12	17.21	15.74
4)	68- 3	9.68	19.76 ¹	2.75 ¹	1.05 ¹	15.96 ¹	14.68
5)	79- 11	8.86	21.72	3.45	1.12	17.15	16.70
6)	86- 9	8.74	20.38	2.93	1.06	16.39	15.71
7)	121- 8	8.88	22.54	4.22	1.13	17.19	15.83
8)	130- 12	9.02	21.42	3.40	1.09	16.93	16.60
9)	147- 3	9.08	20.98	3.48	1.08	16.42	15.18
10)	180- 5	9.04	21.60	3.74	1.08	16.78	17.53
11)	201- 6	8.86	20.36	2.89	1.08	16.39	14.73
12)	214- 18	9.12	22.42	3.81	1.12	17.49	16.74
13)	221- 14	8.80	20.58	3.14	1.09	16.35	14.76
14)	252- 14	8.90	20.80	3.06	1.12	16.62	15.56
15)	276- 2	8.86	21.02	3.11	1.15	16.76	15.94
16)	283- 1	9.20	22.92	3.91	1.20	17.81	16.17
17)	313- 19	8.94	21.18	3.08	1.16	16.94	16.41
18)	322- 18	9.08	22.16	3.63	1.13	17.40	16.32
19)	338- 2	8.82	20.00	2.95	1.05	16.00	15.23
20)	339- 8	8.86	19.96	2.87	1.05	16.04	15.05

Statistics Array:

	Puff-Count=Puffs/Cig TPM, Water, Nicotine, TAR & CO=Mg per Cig						
Mean	8.97600	21.21000	3.33200	1.10600	16.77200	15.77150	
CONFI. INTER.	.09486	.41582	.18578	.01872	.24087	.34920	
Stand. Dev.	.21212	.92980	.41541	.04185	.53860	.78084	
XC.V.	2.36316	4.38378	12.46725	3.78408	3.21130	4.95099	

Rounded Statistics:

	Puff-Count	TPM	Water	Nicotine	Tar	CO
X	9.0 ±0.1	21.2 ±0.4	3.3 ±0.2	1.11 ±0.02	16.8 ±0.2	15.8 ±0.3
S	0.2	0.9	0.4	0.04	0.5	0.8
CV	2.4	4.4	12.5	3.8	3.2	5.0

PM3000762894

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Per Cigarette
Market Sample Brand Data & Statistics

Marlboro
king size

filter menthol soft pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	13- 5	9.00	20.94	3.23	1.07	16.64	15.82
2)	20- 5	8.88	20.80	3.53	1.02	16.25	14.90
3)	65- 16	9.26	21.16	3.08	1.11	16.97	15.37
4)	70- 20	8.84	22.22	3.86	1.10	17.26	16.51
5)	79- 16	8.52	19.60	2.74	1.04	15.82	14.89
6)	98- 6	8.58	21.84	3.73	1.08	17.03	16.35
7)	128- 2	9.08	21.64	3.37	1.10	17.17	15.69
8)	137- 2	8.80	21.22	3.19	1.08	16.95	15.83
9)	167- 6	9.22	20.82	3.08	1.07	16.67	14.95
10)	168- 17	9.34	22.56	3.73	1.13	17.70	14.89
11)	187- 10	9.20	20.60	3.02	1.09	16.49	15.36
12)	192- 19	9.02	22.52	3.84	1.13	17.55	15.73
13)	236- 7	8.76	20.50	3.04	1.08	16.38	15.16
14)	239- 10	9.16	21.10	3.02	1.15	16.93	16.32
15)	258- 7	9.18	21.12	3.45	1.07	16.60	15.42
16)	273- 7	8.94	21.40	3.34	1.12	16.94	15.73
17)	301- 20	9.12	20.70	3.17	1.10	16.43	15.57
18)	302- 20	8.80	20.74	3.31	1.08	16.35	15.55
19)	341- 10	8.86	19.82	2.65	1.05	16.12	15.28
20)	354- 18	9.22	22.26	3.67	1.13	17.46	16.84

Statistics Array:

Puff-Count=Puffs/Cig
TPM, Water, Nicotine, TAR & CO=Mg per Cig

Mean	8.98900	21.17800	3.30250	1.09000	16.78550	15.60801
CONFI. INTER.	.10282	.36355	.15509	.01473	.22273	.25029
Stand. Dev.	.22992	.81292	.34679	.03293	.49804	.55968
%C.V.	2.55777	3.83851	10.50077	3.02086	2.96710	3.58583

Rounded Statistics:

	Puff-Count	TPM	Water	Nicotine	Tar	CO
X	9.0 ±0.1	21.2 ±0.4	3.3 ±0.2	1.09 ±0.01	16.8 ±0.2	15.6 ±0.3
S	0.2	0.8	0.3	0.03	0.5	0.6
CV	2.6	3.8	10.5	3.0	3.0	3.6
